SUBMISSION ID: 671988

FACILITY: Dovetail Energy LLC - Anaerobic

Digestion Facility
LOCATION: 1146 Herr Rd

Fairborn, OH 45324

COUNTY: Greene
DISTRICT: SWDO

STATUS: Revision

PERMIT NUMBER: 1IN00305\*AD

STATION CODE: 581 MONITORING PERIOD :

2015-12-01 To: 2015-12-31

REPORTING LAB: Masi Environmental

ANALYST: C. Davis

NO DISCHARGE INDICATOR:

			N	O DISCHARGE IN	IDICATOR:		
PARAMETER	Biochemical Oxygen Demand, 5 Day	рН	Oil and Grease, Hexane Extr Method	Ammonia (NH3) In Sludge	Nitrogen Kjeldahl, Total In Sludge	Phosphorus, Total In Sludge	Potassium In Sludge
PARAMETER CODE	00310	00400	00552	00611	00627	00668	00938
UNITS	mg/l	S.U.	mg/l	mg/kg	mg/kg	mg/kg	mg/kg
FREQUENCY	1/Month	1/Month	1/Month	1/Month	1/Month	1/Month	1/Month
SAMPLING							
TYPE	Composite	Composite	Composite	Composite	Composite	Composite	Composite
2015-12-01							
2015-12-02							
2015-12-03							
2015-12-04							
2015-12-05							
2015-12-06							
2015-12-07							
2015-12-08							
2015-12-09							
2015-12-10			<b>.</b>			<b></b>	<b>_</b>
2015-12-11							
2015-12-12 2015-12-13				<b>_</b>		<b></b>	<b>-</b>
2015-12-13						<b></b>	
2015-12-14						<b> </b>	
2015-12-16							
2015-12-17							
2015-12-18							
2015-12-19			<u></u>				<b>-</b>
2015-12-20		************************************				<b></b>	<b></b>
2015-12-21	9700	8.03	1190	53200	87400	16400	9500
2015-12-22							
2015-12-23							
2015-12-24							
2015-12-25							
2015-12-26							
2015-12-27							
2015-12-28							
2015-12-29							
2015-12-30							
2015-12-31							
Minimum	9700.0	8.03	1190.0	53200.0	87400.0	16400.0	9500.0
Maximum	9700.0	8.03	1190.0	53200.0	87400.0	16400.0	9500.0
Average	9700	000000000000000000000000000000000000000	1190	53200	87400	16400	9500
Count	1	1	1	1	1	1	1
Name of Resp	onsible I certify	y under the per	nalty of law that		f Responsible		Submission
Official or Aut	thorized have pe	ersonally exam	ined and am	Authori	zed Represent	ative	Date/Time
Represent	arummu.	r with the info					
000000000000000000000000000000000000000		ted herein and		000000000000000000000000000000000000000	000000000000000000000000000000000000000	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	33500000000000000000000000000000000000
		of those indiv					
			ble for obtainin	g			Certification
Tayl	the information, I believe the submitted information is true, accurate						Version Date
Taylo	<b>2</b> 1			te i			2017-06-
Faech			vare that there				Z01/-00-
	are sign	nincant penaiti formation, inc	es for submittin	ıy			07 15:06
			iuding the <u>imprisonment.</u>				
000000000000000000000000000000000000000	10022101	iira oi iiiie aiin	mibrigominelle		000000000000000000000000000000000000000		000000000000000000000000000000000000000

SUBMISSION ID: 671988

Dovetail Energy LLC - Anaerobic

FACILITY: Digestion Facility
LOCATION: 1146 Herr Rd

Fairborn, OH 45324

Greene

DISTRICT: SWDO

COUNTY:

STATUS: Revision

PERMIT NUMBER: 1IN00305\*AD

STATION CODE: 58.
MONITORING PERIOD:

REPORTING LAB: 2015-12-01 To: 2015-12-31 Masi Environmental

ANALYST: C. Davis

NO DISCHARGE INDICATOR:

PARAMETER	Arsenic, Total In Sludge	Cadmium, Total In Sludge	Copper, Total In Sludge	Lead, Total In Sludge	Nickel, Total In Sludge	Zinc, Total I Sludge	n Selenium, Total In Sludge
PARAMETER CODE	01003	01028	01043	01052	01068	01093	01148
UNITS	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
FREQUENCY	1/Month	1/Month	1/Month	1/Month	1/Month	1/Month	1/Month
SAMPLING TYPE	Composite	Composite	Composite	Composite	Composite	Composite	Composite
2015-12-01		000000000000000000000000000000000000000		***************************************			***************************************
2015-12-02							
2015-12-03							
2015-12-04							
2015-12-05							
2015-12-06							
2015-12-07							
2015-12-08							
2015-12-09		***************************************					
2015-12-10							
2015-12-11							
2015-12-12							
2015-12-13							
2015-12-14							
2015-12-15							
2015-12-16							
2015-12-17							
2015-12-18 2015-12-19							
2015-12-19							
2015-12-20	13	2	361	6	11	581	4
2015-12-22	1.7	<u>«</u>	301		11	201	<del></del>
2015-12-23							
2015-12-24				***************************************		***************************************	
2015-12-25							
2015-12-26							
2015-12-27							
2015-12-28							
2015-12-29							
2015-12-30							
2015-12-31							
Minimum	13.0	2.0	361.0	6.0	11.0	581.0	4.0
Maximum	13.0	2.0	361.0	6.0	11.0	581.0	4.0
Average	13	2	361	6	11	581	4
Count	1	1	1	1	1	1	1
Name of Resp Official or Aut Representa	horized <sub>have p</sub> ative <sub>familia</sub>	y under the per ersonally exami r with the infor ted herein and	mation	Signature of Author	f Responsible ( ized Represent	Official or ative	Submission Date/Time
inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.				<del>j</del>			Certification Version Date 2017-06- 07 15:06

SUBMISSION ID: 671988

Dovetail Energy LLC - Anaerobic

FACILITY: Digestion Facility
LOCATION: 1146 Herr Rd

Fairborn, OH 45324 MONITORING PERIOD :

COUNTY: Greene
DISTRICT: SWDO

STATUS: Revision
PERMIT NUMBER: 11N00305\*AD

STATION CODE: 581

REPORTING LAB: 2015-12-01 To: 2015-12-31 Masi Environmental

ANALYST: C. Davis

NO DISCHARGE INDICATOR:

PARAMETER	Fecal Coliform in Sludge	Sludge Fee Weight	Sludge Weight	Sludge Solids, Percent Total	Mercury, Total In Sludge	Molybdenum Sludge	In
PARAMETER CODE	31641	51129	70316	70318	71921	78465	
UNITS	MPN/G	dry tons	Dry Tons	%	mg/kg	mg/kg	
FREQUENCY	1/Month	1/Month	1/Month	1/Month	1/Month	1/Month	
SAMPLING	6	Takal	T-4-1	Cik-	6	£	
TYPE	Composite	Total	Total	Composite	Composite	Composite	
2015-12-01							
2015-12-02							
2015-12-03							
2015-12-04		***************************************					
2015-12-05						<b></b>	
2015-12-06							
2015-12-07			<b></b>	***************************************			
2015-12-08							
2015-12-09		***************************************				<b></b>	
2015-12-10							_
2015-12-11			<b>_</b>			<b></b>	
2015-12-12							
2015-12-13			<b></b>			<b></b>	
2015-12-14	***************************************				***************************************		
2015-12-15 2015-12-16						<b></b>	
2015-12-17			<b>_</b>			<b>}</b>	_
2015-12-17							
2015-12-19			İ			<b></b>	
2015-12-20						<b></b>	
2015-12-21	292600	236	236	5.87	0.05	10	
2015-12-22	232000			5.07	0,05	<b></b> _	
2015-12-23							
2015-12-24				***************************************		<b></b>	***************************************
2015-12-25							
2015-12-26							
2015-12-27							
2015-12-28							
2015-12-29							
2015-12-30							
2015-12-31							
Minimum	292600.0	236.0	236.0	5.87	0.05	10.0	
Maximum	292600.0	236.0	236.0	5.87	0.05	10.0	
Average	292600	236	236	5.87	0.05	10	
Count	1	1	1	1	1	1	
Name of Resp	onsible I certify	y under the pe	nalty of law that		f Responsible		Submission
Uπicial or Aut	horized have pe	ersonally exam	ined and am	Authori	zed Represent	ative	Date/Time
Representa	Stamma.	r with the info					
800000000000000000000000000000000000000		ted herein and			100000000000000000000000000000000000000		
<del></del>		of those indiv					
immediately responsible for obtaining the information, I believe the				J			Certification
Taylo	the info						Version Date
Taylo	8		is true, accurat	е		I	2017-06-
Faech			vare that there	~ <b>1</b>			ZU1/-U0-
	au e sigi		ies for submittin	9			07 15:06
		formation, inc		1			
possibility of fine and imprisonment.							

SUBMISSION ID: 671988

Dovetail Energy LLC - Anaerobic

FACILITY: LOCATION:

Digestion Facility 1146 Herr Rd

Fairborn, OH 45324

COUNTY: DISTRICT:

146 Herr Ka

Greene SWDO STATUS:

Revision **1IN00305\*AD** 

584

PERMIT NUMBER:

STATION CODE: MONITORING PERIOD:

2015-12-01 To: 2015-12-31

REPORTING LAB:

ANALYST:

NO DISCHARGE INDICATOR: AL

PARAMETER CODE  UNITS  mg/l  FREQUENCY  1/Month	00938  mg/kg 1/Month e Composite
FREQUENCY 1/Month 1/Mo	1/Month
FREQUENCY 1/Month 1/Mo	1/Month
TYPE	e Composite
2015-12-02 2015-12-03 2015-12-04 2015-12-05 2015-12-06 2015-12-07 2015-12-08 2015-12-09 2015-12-10 2015-12-11 2015-12-12 2015-12-12 2015-12-13 2015-12-14 2015-12-15 2015-12-16 2015-12-17 2015-12-18 2015-12-19 2015-12-19	
2015-12-03 2015-12-04 2015-12-05 2015-12-06 2015-12-07 2015-12-08 2015-12-09 2015-12-10 2015-12-11 2015-12-12 2015-12-13 2015-12-14 2015-12-15 2015-12-16 2015-12-17 2015-12-18 2015-12-19 2015-12-19	
2015-12-04	
2015-12-05       2015-12-06         2015-12-07       2015-12-08         2015-12-09       2015-12-10         2015-12-11       2015-12-11         2015-12-12       2015-12-13         2015-12-14       2015-12-16         2015-12-16       2015-12-18         2015-12-19       2015-12-20	
2015-12-06 2015-12-08 2015-12-09 2015-12-10 2015-12-11 2015-12-12 2015-12-13 2015-12-14 2015-12-15 2015-12-16 2015-12-17 2015-12-18 2015-12-19 2015-12-20	•
2015-12-07 2015-12-08 2015-12-09 2015-12-10 2015-12-11 2015-12-12 2015-12-13 2015-12-14 2015-12-15 2015-12-16 2015-12-17 2015-12-18 2015-12-19 2015-12-20	***************************************
2015-12-08 2015-12-09 2015-12-10 2015-12-11 2015-12-12 2015-12-13 2015-12-14 2015-12-15 2015-12-16 2015-12-17 2015-12-18 2015-12-19 2015-12-20	
2015-12-09       2015-12-10         2015-12-11       2015-12-11         2015-12-12       2015-12-13         2015-12-14       2015-12-15         2015-12-16       2015-12-16         2015-12-17       2015-12-18         2015-12-19       2015-12-20	
2015-12-10 2015-12-11 2015-12-12 2015-12-13 2015-12-14 2015-12-15 2015-12-16 2015-12-17 2015-12-18 2015-12-19 2015-12-20	
2015-12-11 2015-12-12 2015-12-13 2015-12-14 2015-12-15 2015-12-16 2015-12-17 2015-12-18 2015-12-19 2015-12-20	
2015-12-12 2015-12-13 2015-12-14 2015-12-15 2015-12-16 2015-12-17 2015-12-18 2015-12-19 2015-12-20	
2015-12-13 2015-12-14 2015-12-15 2015-12-16 2015-12-17 2015-12-18 2015-12-19 2015-12-20	
2015-12-14 2015-12-15 2015-12-16 2015-12-17 2015-12-18 2015-12-19 2015-12-20	
2015-12-15 2015-12-16 2015-12-17 2015-12-18 2015-12-19 2015-12-20	
2015-12-16 2015-12-17 2015-12-18 2015-12-19 2015-12-20	
2015-12-17 2015-12-18 2015-12-19 2015-12-20	
2015-12-18 2015-12-19 2015-12-20	
2015-12-20	
2015-12-21	
2015-12-22	
2015-12-23	
2015-12-24	
2015-12-25	
2015-12-26	
2015-12-27	
2015-12-28	a
2015-12-29	
2015-12-30 2015-12-31	
Minimum	
Maximum	
Average	100000000000000000000000000000000000000
Count	
Name of Responsible I certify under the penalty of law that I Signature of Responsible Official or	Submission
Official or Authorized have personally examined and am  Representative familiar with the information  Authorized Representative	Date/Time
- admindra with the internation	
submitted herein and based on my	
inquiry of those individuals	
immediately responsible for obtaining the information, I believe the	Certification
Taylor submitted information is true, accurate	<b>Version Date</b>
8	2017-06-
Faecher and complete. I am aware that there are significant penalties for submitting	
false information, including the	
possibility of fine and imprisonment.	07 15:06

SUBMISSION ID: 671988

Dovetail Energy LLC - Anaerobic

FACILITY: LOCATION:

Digestion Facility 1146 Herr Rd

Fairborn, OH 45324

COUNTY: DISTRICT: Greene SWDO STATUS:

Revision

1IN00305\*AD

PERMIT NUMBER:

584

STATION CODE: MONITORING PERIOD :

2015-12-01 To: 2015-12-31

REPORTING LAB:

ANALYST:

NO DISCHARGE INDICATOR: AL

PARAMETER	Arsenic, Total In Sludge	Cadmium, Total In Sludge	Copper, Total In Sludge	Lead, Total In Sludge	Nickel, Total In Sludge	Zinc, Total Sludge	ln :	Selenium, Total In Sludge
PARAMETER CODE	01003	01028	01043	01052	01068	01093	П	01148
UNITS	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg		mg/kg
FREQUENCY	1/Month	1/Month	1/Month	1/Month	1/Month	1/Month		1/Month
SAMPLING TYPE	Composite	Composite	Composite	Composite	Composite	Composit	:е	Composite
2015-12-01	000000000000000000000000000000000000000	000000000000000000000000000000000000000	200000000000000000000000000000000000000	***************************************	0.0000000000000000000000000000000000000	000000000000000000000000000000000000000	·	000000000000000000000000000000000000000
2015-12-02								
2015-12-03								
2015-12-04								
2015-12-05								
2015-12-06								
2015-12-07		<b></b>						
2015-12-08								
2015-12-09	***************************************			***************************************		**********************		
2015-12-10								
2015-12-11 2015-12-12		<u> </u>		***************************************				
2015-12-12								
2015-12-13								
2015-12-15				***************************************	•	***************************************		
2015-12-16								
2015-12-17								
2015-12-18								
2015-12-19	***************************************			***************************************				***************************************
2015-12-20								
2015-12-21								
2015-12-22								
2015-12-23								
2015-12-24								
2015-12-25								
2015-12-26								
2015-12-27								
2015-12-28		<b>-</b>						
2015-12-29		<u> </u>						
2015-12-30 2015-12-31								
Minimum	000000000000000000000000000000000000000			***************************************		000000000000000000000000000000000000000		000000000000000000000000000000000000000
Maximum				***************************************				
Average				***************************************				000000000000000000000000000000000000000
Count				T 6'				· · · · · · · · · · · · · · · · · · ·
Name of Resp Official or Aut		fy under the per			of Responsible ( ized Represent			Submission Date/Time
Representa	giid vo	personally exam ar with the infor		7441101	ized Represent	40,40		
	år critititi	tted herein and						
800000000000000000000000000000000000000		y of those indivi			000000000000000000000000000000000000000		00000000000000	
		diately responsi		.				
	the in	formation, I beli		<b>'</b>				ertification
Taylo	)r submi	tted information		e			Ve	ersion Date
-	8	omplete. I am aw						2017-06-
Faech		gnificant penalti		g <b>I</b>				07 15:06
	false i	nformation, incl	uding the	-				07 15:06
		oility of fine and						

STATUS:

SUBMISSION ID: 671988

Dovetail Energy LLC - Anaerobic

FACILITY: LOCATION:

COUNTY:

DISTRICT:

Digestion Facility 1146 Herr Rd

Fairborn, OH 45324

Greene **SWDO** 

REPORTING LAB: ANALYST:

**MONITORING PERIOD:** 

PERMIT NUMBER:

STATION CODE:

NO DISCHARGE INDICATOR:

1IN00305\*AD

584

Revision

AL

2015-12-01 To: 2015-12-31

PARAMETER	Fecal Coliform in Sludge	Sludge Fee Weight	Sludge Weight	Mercury, Total In Sludge	Molybdenum In Sludge			
PARAMETER CODE	31641	51129	70316	71921	78465			
UNITS	MPN/G	dry tons	Dry Tons	mg/kg	mg/kg			
FREQUENCY	1/Month	1/Month	1/Month	1/Month	1/Month			
SAMPLING TYPE	Multiple Grab	Total	Total	Composite	Composite			
2015-12-01								
2015-12-02								
2015-12-03								
2015-12-04								
2015-12-05								
2015-12-06								
2015-12-07								
2015-12-08								
2015-12-09								
2015-12-10						***************************************		
2015-12-11								
2015-12-12								
2015-12-13								
2015-12-14								
2015-12-15								
2015-12-16								
2015-12-17								
2015-12-18								
2015-12-19								
2015-12-20								
2015-12-21								
2015-12-22								
2015-12-23								
2015-12-24								
2015-12-25								
2015-12-26								
2015-12-27								
2015-12-28								
2015-12-29								
2015-12-30								
2015-12-31								
Minimum		***************************************						
Maximum		000000000000000000000000000000000000000						000000000000000000000000000000000000000
Average		***************************************						
Count		000000000000000000000000000000000000000						
Name of Resp Official or Aut Representa	horized have pe ative familia	y under the pe ersonally exan r with the info ted herein and	rmation	I Signature of Author	f Responsible ( ized Represent			Submission Date/Time
Taylor Faecher Faecher  Inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.			ce			V	ertification ersion Date 2017-06- 07 15:06	

SUBMISSION ID: 671988

Dovetail Energy LLC - Anaerobic

FACILITY: Digestion Facility LOCATION: 1146 Herr Rd

Fairborn, OH 45324

COUNTY: Greene DISTRICT: **SWDO** 

STATUS: Revision

2015-12-01 To: 2015-12-31

PERMIT NUMBER: 1IN00305\*AD

STATION CODE: 586 **MONITORING PERIOD:** 

REPORTING LAB:

ANALYST:

**NO DISCHARGE INDICATOR:** ΑL

					O DISCHARGE II	IDICATOR.	AL		
PARAMETER	Sludge Fe Weight	e							
PARAMETER CODE	51129								
UNITS	dry tons								
FREQUENCY	1/Year								
SAMPLING	Takal								
TYPE	Total								
2015-12-01									
2015-12-02							<b></b>		
2015-12-03									
2015-12-04									
2015-12-05 2015-12-06							<b></b>		
2015-12-00									
2015-12-08									
2015-12-09									
2015-12-10									
2015-12-11									
2015-12-12									
2015-12-13	***************************************								
2015-12-14			<u> </u>		******************************	***************************************			*************************************
2015-12-15							<u> </u>		
2015-12-16 2015-12-17			***************************************						***************************************
2015-12-17									
2015-12-19			<b></b>		<b></b>	<b></b>	<b></b>		
2015-12-20							<b></b>		
2015-12-21	***************************************		***************************************						
2015-12-22									
2015-12-23	000000000000000000000000000000000000000		anancannancannancannancannancannancanna	***************************************					***************************************
2015-12-24									
2015-12-25			•••••••••••				<b></b>		
2015-12-26 2015-12-27									
2015-12-27									
2015-12-29							<b></b>		
2015-12-30							<b></b>		
2015-12-31			***************************************						***************************************
Minimum									
Maximum	000000000000000000000000000000000000000	0000000000	900000000000000000000000000000000000000		***************************************			100000000000	000000000000000000000000000000000000000
Average			***************************************						
Count									
Name of Resp	onsible 🛚 🖯	ertif	v under the per	alty of law that	I Signature o	f Responsible	Official or		Submission
Official or Autl	norized hav	те р	ersonally exami	ined and am	Author	ized Represent	ative		Date/Time
Representa	tive <sub>fan</sub>	nilia:	r with the infor	mation					
			ted herein and						
			of those indivi						
				ole for obtaining	g			(	Certification
Tayla	the		ormation, I beli						ersion Date
_ Taylo			tea information mplete. I am aw	is true, accurat	æ				2017-06-
Faech				es for submittin	a				
			iformation, incl		9				07 15:06
	009	sibi	lity of fine and	imprisonment.					

SUBMISSION ID: 671988

Dovetail Energy LLC - Anaerobic

FACILITY: Digestion Facility
LOCATION: 1146 Herr Rd

Fairborn, OH 45324

COUNTY: Greene
DISTRICT: SWDO

STATUS: Revision

PERMIT NUMBER: 1IN00305\*AD

2015-12-01 To: 2015-12-31

STATION CODE: 588
MONITORING PERIOD:

REPORTING LAB:

ANALYST:

NO DISCHARGE INDICATOR: AI

			N	O DISCHARGE II	NDICATOR:	AL	
PARAMETER	Sludge Weight						
PARAMETER CODE	70316						
UNITS	Dry Tons						
FREQUENCY	1/Year						
SAMPLING							
TYPE	Total						
2015-12-01							
2015-12-02					***************************************		
2015-12-03						***************************************	
2015-12-04							
2015-12-05							
2015-12-06							
2015-12-07							
2015-12-08							
2015-12-09	***************************************						
2015-12-10							
2015-12-11							
2015-12-12							
2015-12-13							
2015-12-14							
2015-12-15	***************************************			***************************************	***************************************	***************************************	
2015-12-16	***************************************		<b></b>				
2015-12-17							
2015-12-18							
2015-12-19							
2015-12-20 2015-12-21	***************************************			***************************************			
2015-12-21							
2015-12-23							
2015-12-24							
2015-12-25							
2015-12-26					***************************************		
2015-12-27							
2015-12-28							
2015-12-29							
2015-12-30				***************************************	***************************************		
2015-12-31	***************************************				***************************************		
Minimum							
Maximum							
Average							
Count							
Name of Resp	onsible Toomi	fy under the per	alty of law that	I Signature o	f Responsible	Official or	Submission
Official or Aut	horized have r	personally exami	ined and am	Author	ized Represent	ative	Date/Time
Representa	itive familia	ar with the infor	mation				
. Start		tted herein and					
000000000000000000000000000000000000000		y of those indivi			000000000000000000000000000000000000000		
		diately responsil		<sub>1</sub>			_
		formation, I beli		7			Certification
Taylo	r submi	tted information	is true, accurat	e I			Version Date
	28 7	mplete. I am aw					2017-06-
Faech		mificant penalti		a l			07 15-00
		nformation, incl		Ĭ			07 15:06
		ility of fine and					

**FACILITY:**Dovetail Energy LLC - Anaerobic Digestion Facility

LOCATION: 1146 Herr Rd

PERMIT NUMBER: MONITORING PERIOD : 1IN00305\*AD

2015-12-01 To: 2015-12-31

Fairborn, OH 45324

### **PARAMETER COMMENTS:**

Station Code	Parameter Name	Parameter Code	Date	Unit	Comment
-----------------	-------------------	-------------------	------	------	---------